

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128512.D
 Acq On : 27 May 2022 16:12
 Operator : CG\JU
 Sample : N2922-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-1218-01

Quant Time: May 27 23:18:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	212274	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	844169	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	482699	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	881268	20.000	ng	0.00
76) Chrysene-d12	14.004	240	482119	20.000	ng	0.00
86) Perylene-d12	15.462	264	392261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1533225	119.640	ng	0.00
7) Phenol-d6	6.463	99	1980702	121.218	ng	0.00
23) Nitrobenzene-d5	7.404	82	1319424	90.166	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	572213	124.544	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2428122	81.725	ng	0.00
79) Terphenyl-d14	12.957	244	2472478	99.078	ng	0.00

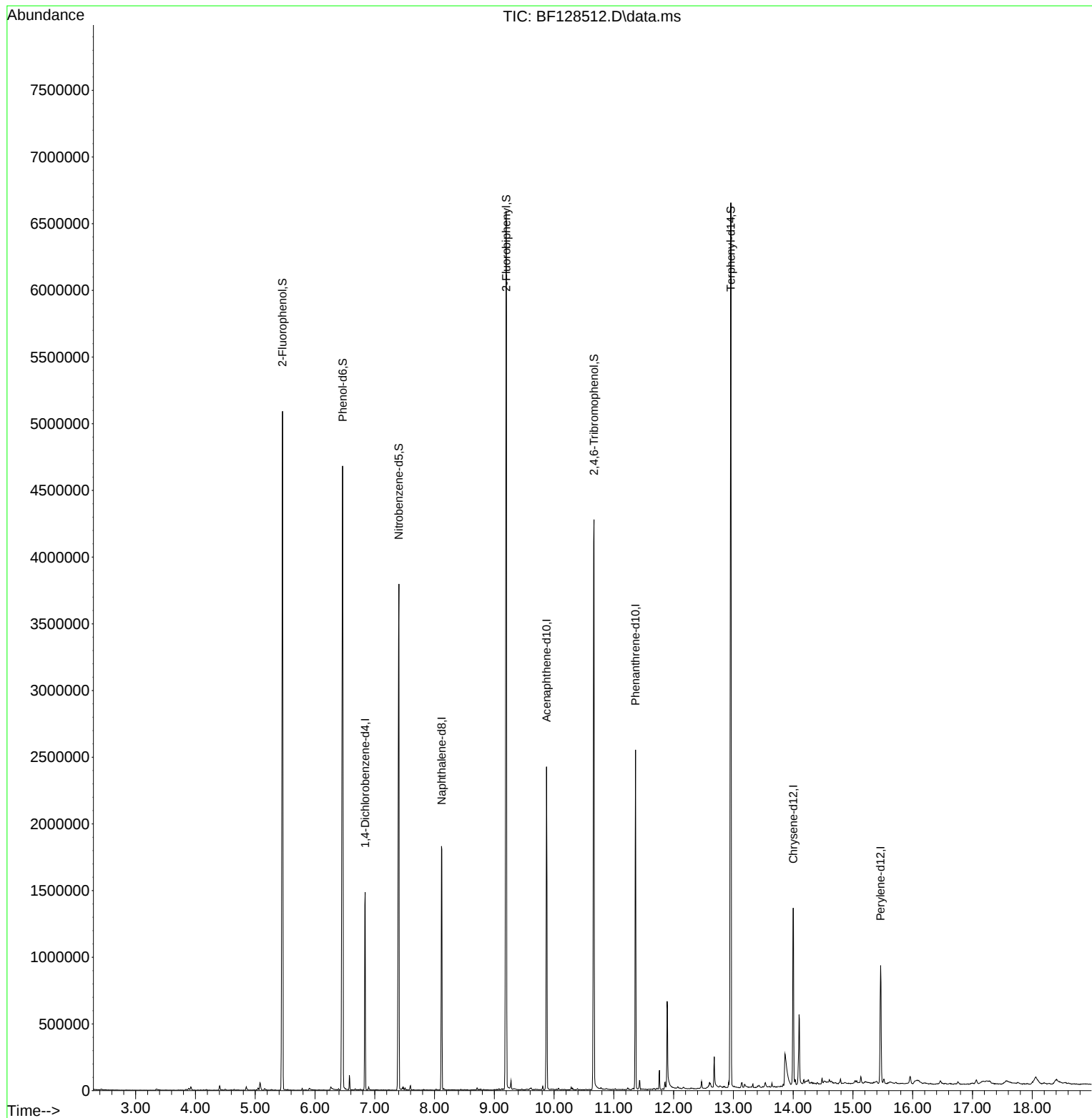
Target Compounds	Qvalue

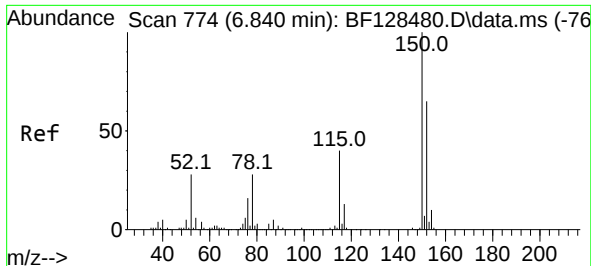
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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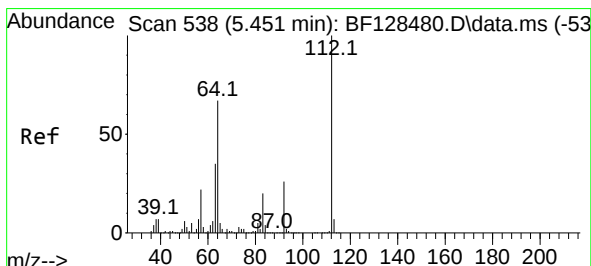
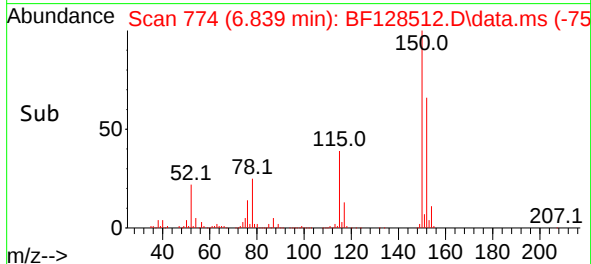
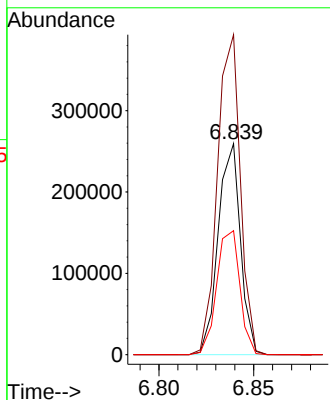
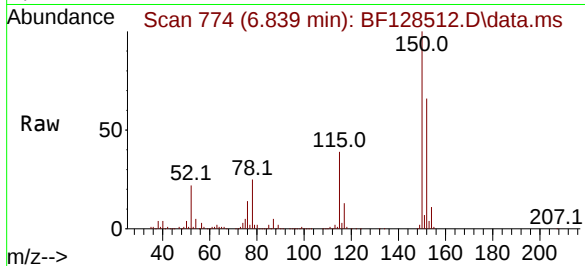




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

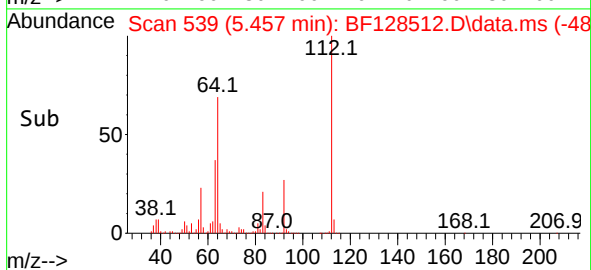
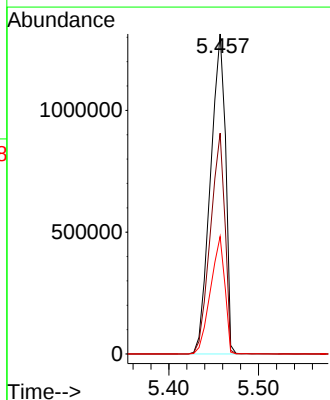
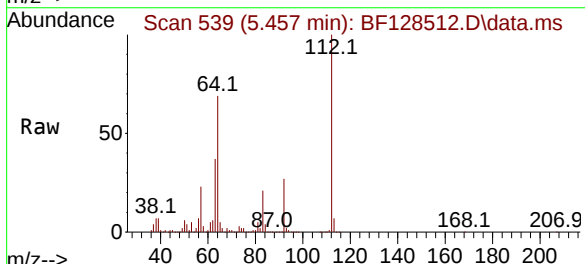
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

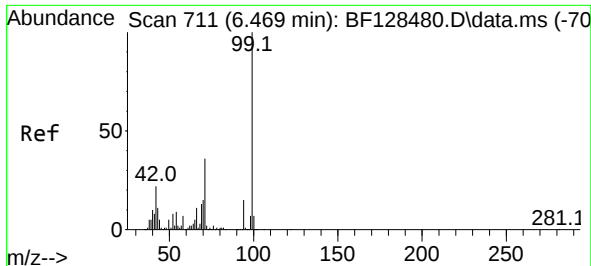
Tgt Ion:152 Resp: 212274
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 58.8 49.9 74.9



#5
2-Fluorophenol
Concen: 119.640 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

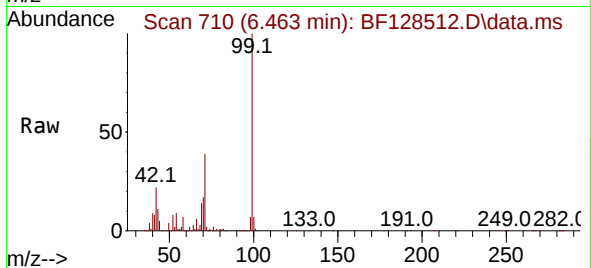
Tgt Ion:112 Resp: 1533225
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 36.7 28.0 42.0





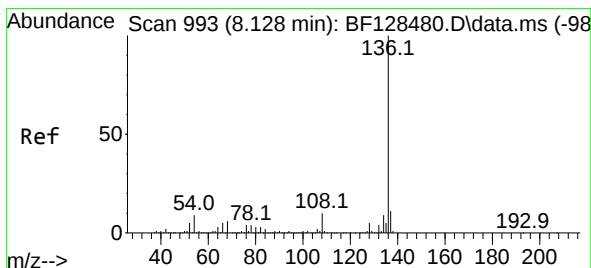
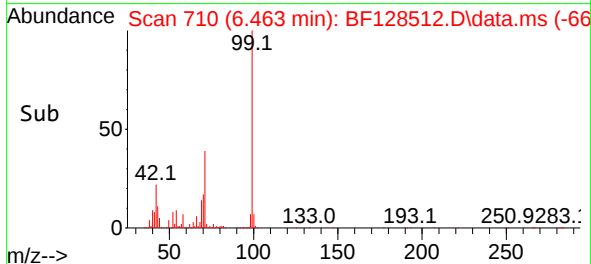
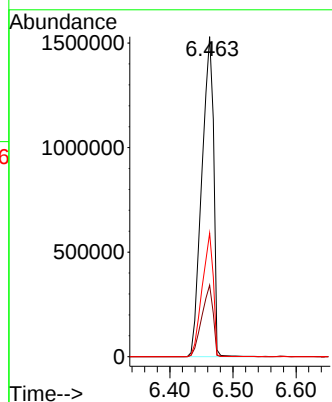
#7
Phenol-d6
Concen: 121.218 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01



Tgt Ion: 99 Resp: 1980702

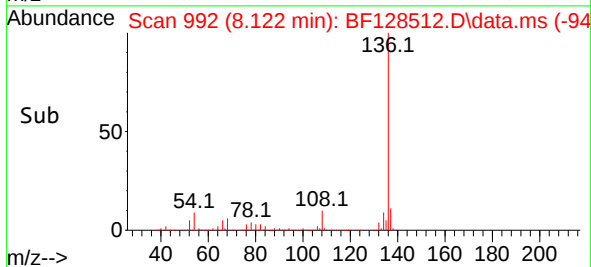
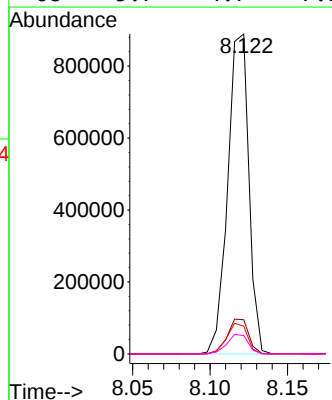
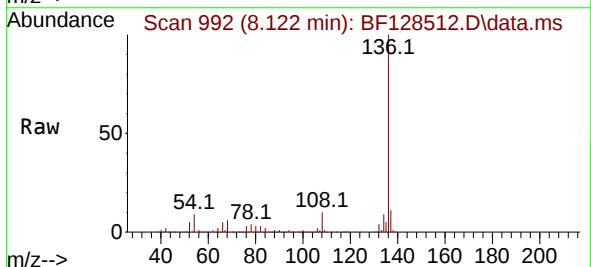
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.3	25.9
71	38.6	28.9	43.3

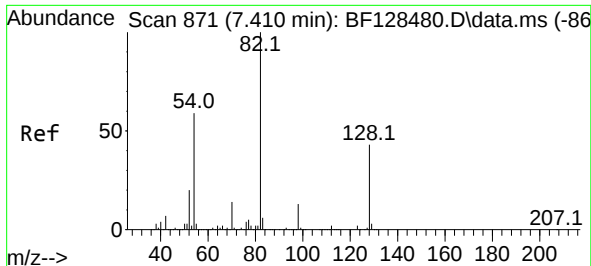


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion: 136 Resp: 844169

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	7.5	11.3
68	5.7	4.7	7.1





#23

Nitrobenzene-d5

Concen: 90.166 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

Instrument :

BNA_F

ClientSampleId :

P024-SS001-1218-01

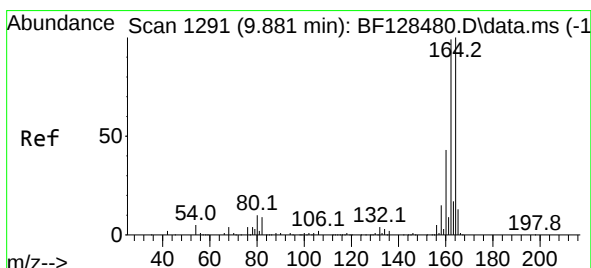
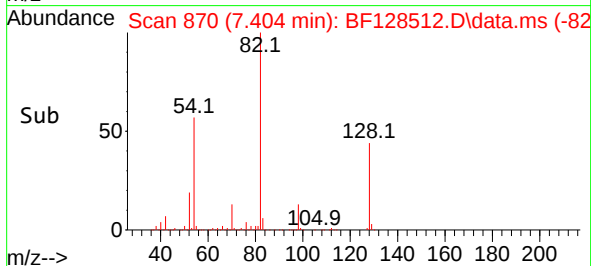
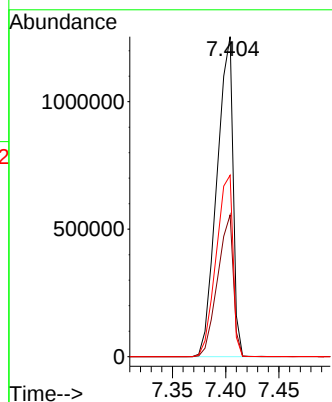
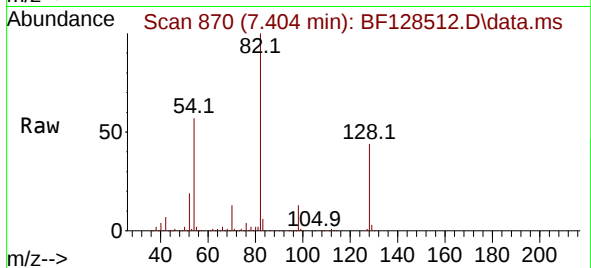
Tgt Ion: 82 Resp: 1319424

Ion Ratio Lower Upper

82 100

128 44.3 34.0 51.0

54 56.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1290

Delta R.T. -0.007 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

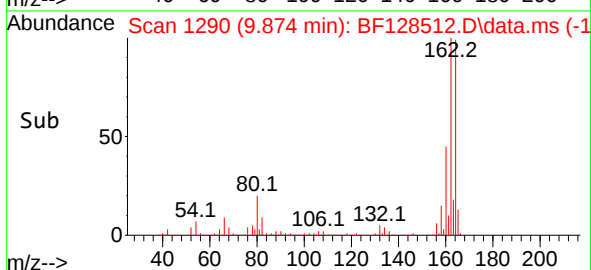
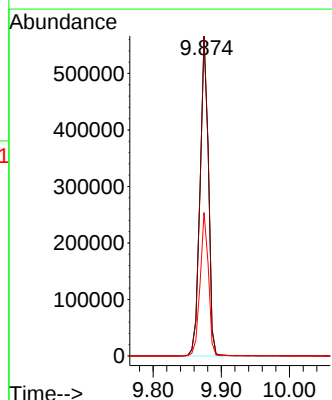
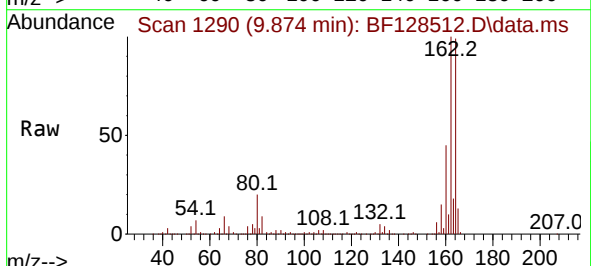
Tgt Ion: 164 Resp: 482699

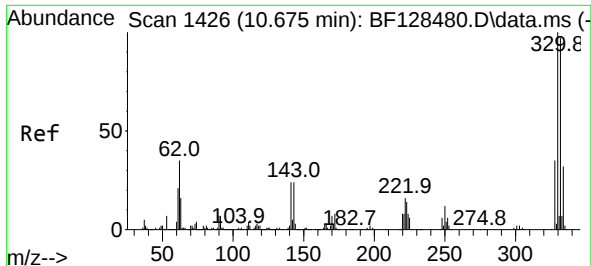
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 124.544 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

Instrument :

BNA_F

ClientSampleId :

P024-SS001-1218-01

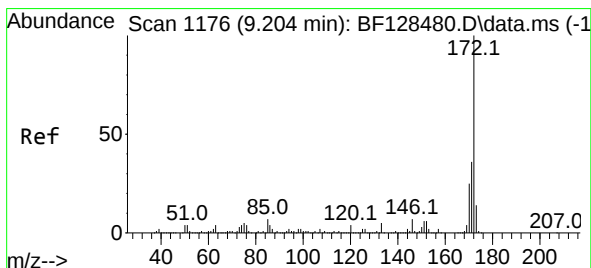
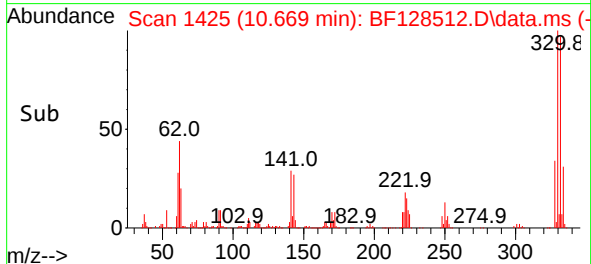
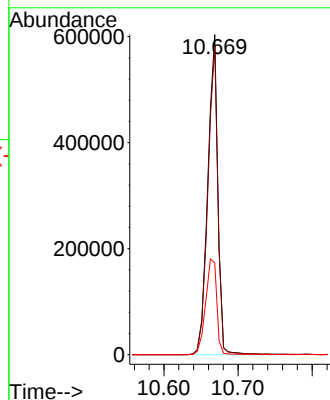
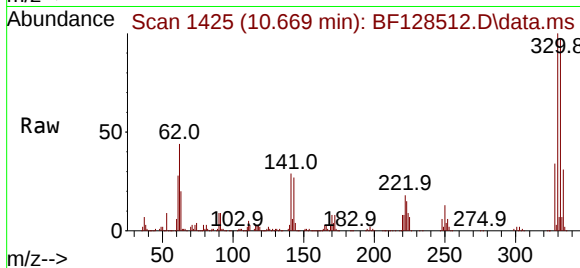
Tgt Ion:330 Resp: 572213

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.725 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

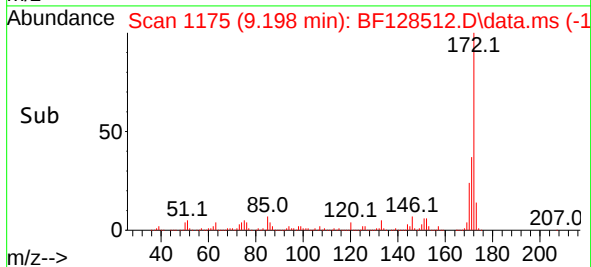
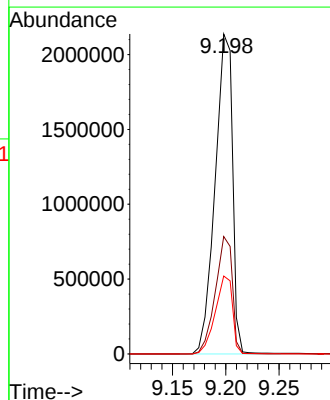
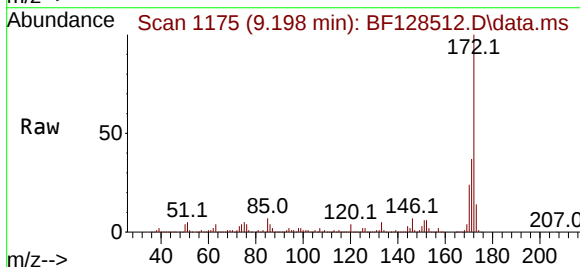
Tgt Ion:172 Resp: 2428122

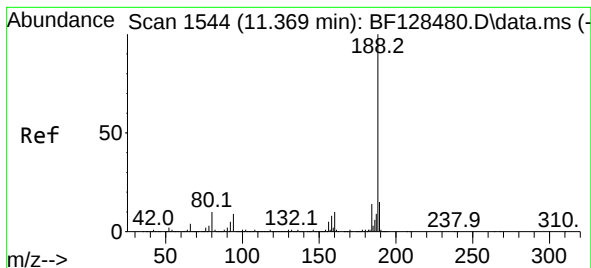
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

Instrument :

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ClientSampleId :

P024-SS001-1218-01

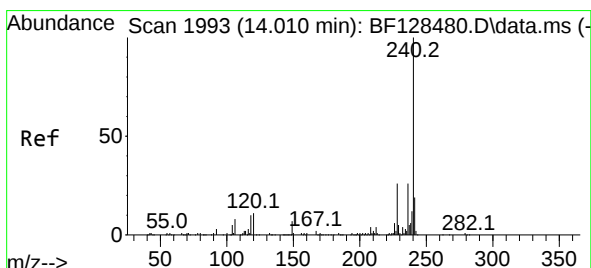
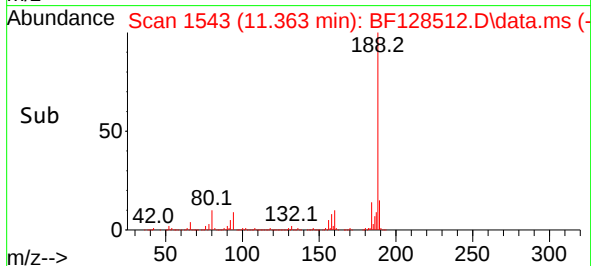
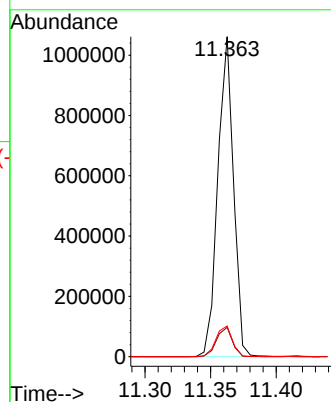
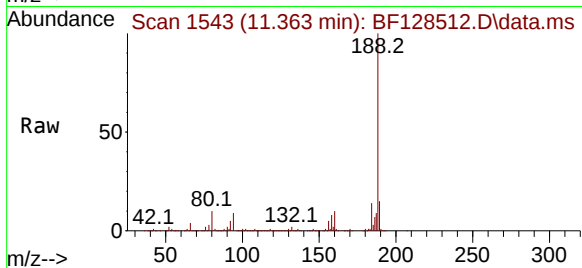
Tgt Ion:188 Resp: 881268

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

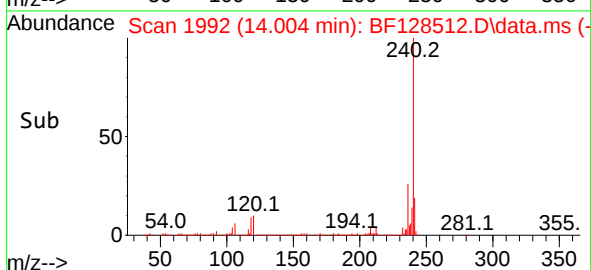
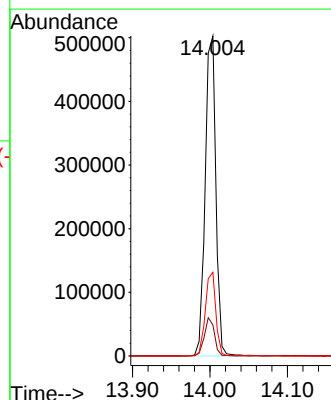
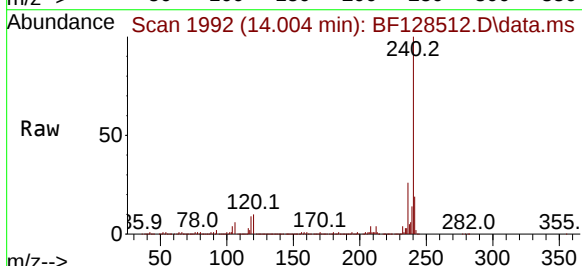
Tgt Ion:240 Resp: 482119

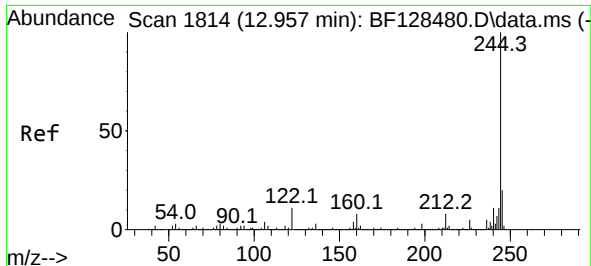
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 26.2 20.8 31.2

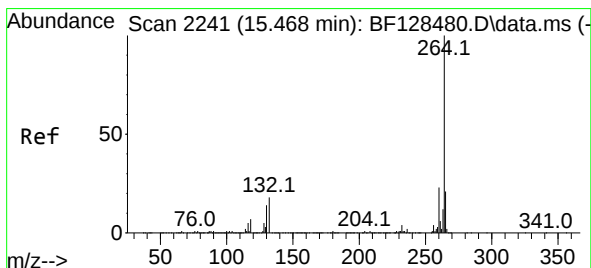
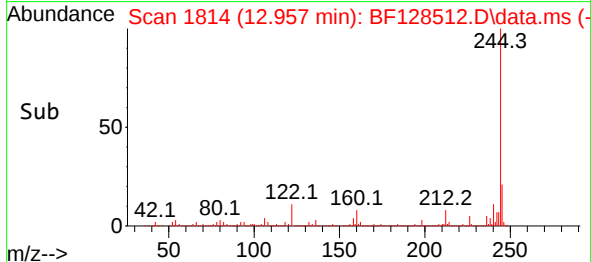
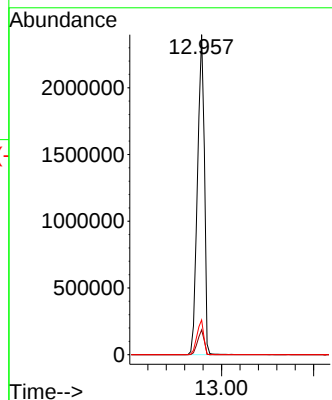
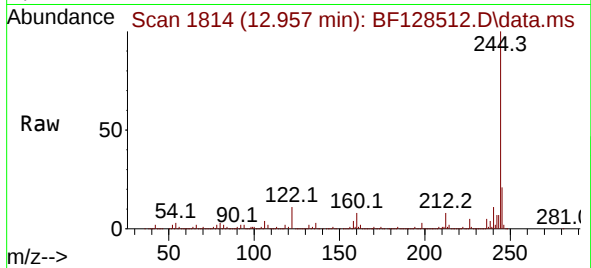




#79
 Terphenyl-d14
 Concen: 99.078 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128512.D
 Acq: 27 May 2022 16:12

Instrument :
 BNA_F
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 P024-SS001-1218-01

Tgt Ion:244 Resp: 2472478
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128512.D
 Acq: 27 May 2022 16:12

Tgt Ion:264 Resp: 392261
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.1 17.2 25.8

